

Application Number 09/881,868
Docket: 010362
Responsive to Office Action mailed October 4, 2005

AMENDMENTS TO THE CLAIMS

1. Cancelled.
2. Cancelled.
3. Cancelled.
4. Cancelled.
5. Cancelled.
6. Cancelled.
7. Cancelled.
8. Cancelled.
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29. Cancelled.

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30. Cancelled.

31. Cancelled.

32. Cancelled.

33. Cancelled.

34. (Currently amended) A Subscriber Identity Module (SIM) adapted for and powered by a wireless communication device (WCD), the WCD including a power management routine and a memory, the SIM comprising:

means for storing a first unique identifier;

means for receiving a second unique identifier from the WCD at an initial power up of the WCD, the second unique identifier being entered by a user of the WCD;

means for accessing the first unique identifier at an the initial power up of the WCD to compare the first unique identifier to the second unique identifier and to permit access to the SIM by the WCD based on the comparison; and enable the first unique identifier to be stored in the memory of the WCD;

means for automatically receiving the a-second unique identifier at a subsequent power up of the SIM without the user re-entering the second unique identifier following; the SIM having been powered down under control of a power management routine performed by the WCD;

means for comparing the second unique identifier automatically received from the WCD to the first unique identifier following the subsequent power up; and

means for enabling access of the SIM by the WCD based on the comparison following the subsequent power up.

35. (Previously Presented) The SIM of claim 34, wherein the first and second unique identifiers comprise Integrated Circuit Card Identifiers (ICCID).

36. (Previously Presented) The SIM of claim 34, wherein the SIM includes an interface circuit for interfacing with the WCD, the interface circuit terminating power to the SIM during powering down.

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37. (Currently amended) The SIM of claim ~~35, 34~~, wherein the SIM includes an interface circuit for interfacing with the WCD, the interface circuit terminating power to the SIM during powering down.

38. (Currently amended) A wireless communication device (WCD) including a power management routine and a memory and adapted for use with a Subscriber Identity Module (SIM), wherein the SIM stores a first unique identifier, the WCD comprising:

means for storing in the memory a second ~~first~~ unique identifier generated in response to a user performing an initial power up of the WCD, wherein the second unique identifier is compared to the first unique identifier stored in the SIM to permitting access to the SIM by the WCD following the initial power up;

means, responsive to the power management routine, for powering down the SIM following the initial power up;

means responsive to the power management routine for powering up the SIM following the powering down;

means for automatically transmitting the second ~~first~~ unique identifier to the SIM without the user re-entering the second unique identifier following the powering up by the means responsive to the power management routine; and

means for detecting access to the SIM in response to the SIM matching the second ~~first~~ unique identifier automatically transmitted from the WCD to a second-the first unique identifier stored in the SIM.

39. (Previously Presented) The WCD of claim 38, wherein the first and second unique identifiers comprise Integrated Circuit Card Identifiers (ICCID's).

40. (Currently amended) The WCD of claim 38, wherein the SIM includes an interface circuit for interfacing with the WCD, the means for powering up the SIM including means for providing power to the SIM.

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41. (Currently amended) The WCD of claim 39, wherein the SIM includes an interface circuit for interfacing with the WCD, the means for powering up the SIM including means for providing power to the SIM.

42. (Currently amended) The WCD of claim 41, wherein the power management routine continues a power management cycle by maintaining power to the SIM when a match between the first and second identifiers occurs, and aborts the power-up process when a match between the first and second identifiers fails.

43. (Previously Presented) The WCD of claim 42, wherein the power management routine terminates power to the SIM in response to a power down command and on the basis of a voting process.

44. (Previously Presented) The WCD of claim 43, wherein terminating power to the SIM comprises terminating power to the SIM when to request is pending for service by the SIM and no software module running on the WCD requests maintenance of power to the SIM.

45. (Currently amended) The WCD of claim 38, wherein the power management routine continues a power management cycle by maintaining power to the SIM when a match between the first and second identifiers occurs, and aborts the power-up process when a match between the first and second identifiers fails.

46. (Previously Presented) The WCD of claim 45, wherein the power management routine terminates power to the SIM in response to a power down command and on the basis of a voting process.

47. (Currently amended) The WCD of claim 46, wherein terminating power to the SIM comprises terminating power to the SIM when no request is pending for service by the SIM and no software module running on the WCD requests maintenance of power to the SIM.

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48. (Currently amended) A computer-readable medium comprising having instructions, including a power management routine, stored thereon for causing a wireless communication device (WCD) including having a memory and adapted for use with a Subscriber Identity Module (SIM) that stores a first unique identifier to:

store in the memory a second first-unique identifier generated in response to a user performing an initial power up of the WCD, wherein the second unique identifier is compared to the first unique identifier stored in the SIM to permitting access to the SIM by the WCD following the initial power up;

power down the SIM in response to the power management routine following the initial power up;

power up the SIM in response to the power management routine following the power down;

automatically transmitting the second first unique identifier to the SIM without the user re-entering the second unique identifier following the power up in response to the power management routine; and

detecting access to the SIM in response to the SIM matching the second first unique identifier automatically transmitted from the WCD to a second the first unique identifier stored in the SIM.

49. (Previously Presented) The computer readable medium of claim 48, wherein the first and second unique identifiers comprise Integrated Circuit Card Identifiers (ICCID's).

50. (Currently amended) The computer readable medium of claim 49, wherein the power management routine continues a power management cycle by maintaining power to the SIM when a match between the first and second identifiers occurs and aborts the power-up process when a match between the first and second identifiers fails.

51. (Currently amended) The computer readable medium of claim ~~50~~51, wherein the power management routine terminates power to the SIM in response to a power down command and on the basis of a voting process.

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52. (Currently amended) The computer readable medium of claim 5152, wherein terminating power to the SIM comprises terminating power to the SIM when no request is pending for service by the SIM and no software module running on the WCD requests maintenance of power to the SIM.

53. (Previously Presented) The computer readable medium of claim 48, wherein the SIM includes an interface circuit for interfacing with the WCD, the instruction for powering up the SIM including providing power to the SIM.